

ÖLFLEX® HEAT 260 SC









For use in the most extreme conditions

ÖLFLEX® HEAT 260 SC - PTFE single core, robust, chemical resistant and space-saving, for use in machine and plant construction at temperatures: -190°C to +260°C

Info

Excellent chemical, thermal and electrical performance
Space and weight-saving
UL AWM Style 11486 (28-12 AWG)



-  Good chemical resistance
-  Flame-retardant
-  Cold-resistant
-  Low weight
-  Oil-resistant
-  Acid-resistant
-  Temperature-resistant
-  UV-resistant

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PN 0456 / 02_03.16

ÖLFLEX® HEAT 260 SC

Benefits

Small outer diameters for maximum saving of space and weight
Resistant to contact with mostly all highly aggressive chemical media
Stress crack resistant to frequent ambient temperature fluctuations

Application range

For use in environments with very high operating temperatures, heavy usage of chemical agents or confined spaces

Typical fields of application

- High-frequency engineering
- Control cabinets with high heat generation
- Measuring instruments
- Furnaces and brickworks
- Heating equipment and kitchen appliances
- Electric motor building
- Installations in the chemical industry

Product features

Flame retardance rating (UL): FT2 (Horizontal flame test)

Flame-retardant according to IEC 60332-1-2 & CSA FT1

ÖLFLEX® HEAT 260 made of PTFE

- Outstanding resistance against acids, alkalis, solvents, lacquers, petrol, oils and many other chemical media
- Difficult to inflame
- High dielectric strength and high abrasion resistance
- Low water absorption
- Resistant to microbes
- Adhesion-free insulation materials
- Weather and ozone resistant
- Hydrophobic and dirt-repellent
- High elongation and tear resistance
- Resists contact with liquid nitrogen
- Resistant against hydraulic fluids

Silver plated copper is characterized by good surface conductivity (skin effect) and good solderability

Norm references / Approvals

28-12 AWG: UL AWM Style 11486 according to UL 758 (File No E63634) & cRU AWM I A/B according to CSA C22.2 No 210 (File No E63634)

Product Make-up

Silver-plated AWG copper conductor
PTFE core insulation
PTFE = Polytetrafluoroethylene

Technical Data

Classification ETIM 5:

ETIM 5.0 Class-ID: EC000993

ETIM 5.0 Class-Description: Single core cable

Classification ETIM 6:

ETIM 6.0 Class-ID: EC000993

ETIM 6.0 Class-Description: Single core cable

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| | |
|-------------------------|--|
| Conductor stranding: | AWG conductor sizes: 7, 19 or 37 wires |
| Minimum bending radius: | Fixed installation: 4 x outer diameter |
| Nominal voltage: | U0/U: 300/500 V |
| Test voltage: | 3400 V |
| Temperature range: | Fixed installation: -190°C to +260°C UL/CSA: up to +200°C |

Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

Packaging size: Coil 100m

Available as original coil goods only

Also available on large spools and non-returnable drums.

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Prices are net prices without VAT and surcharges. Sale to business customers only.

Other colours are available upon request

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| Article number | AWG No. and wire number | Outer diameter [mm] | Core colour | Copper index (kg/km) | Weight (kg/km) |
|---------------------|-------------------------|---------------------|--------------|----------------------|----------------|
| ÖLFLEX® HEAT 260 SC | | | | | |
| 0094000 | 28 (7) | 0.9 | green/yellow | 0.9 | 2 |
| 0094001 | 28 (7) | 0.9 | black | 0.9 | 2 |
| 0094002 | 28 (7) | 0.9 | blue | 0.9 | 2 |
| 0094003 | 28 (7) | 0.9 | brown | 0.9 | 2 |
| 0094005 | 28 (7) | 0.9 | yellow | 0.9 | 2 |
| 0094006 | 28 (7) | 0.9 | green | 0.9 | 2 |
| 0094007 | 28 (7) | 0.9 | violet | 0.9 | 2 |
| 0094009 | 28 (7) | 0.9 | orange | 0.9 | 2 |
| 0094104 | 28 (7) | 0.9 | red | 0.9 | 2 |
| 0094105 | 28 (7) | 0.9 | white | 0.9 | 2 |
| 0094106 | 28 (7) | 0.9 | grey | 0.9 | 2 |
| 0095001 | 26 (7) | 1.0 | black | 1.4 | 2.7 |
| 0095002 | 26 (7) | 1.0 | blue | 1.4 | 2.7 |
| 0095006 | 26 (7) | 1.0 | green | 1.4 | 2.7 |
| 0095007 | 26 (7) | 1.0 | violet | 1.4 | 2.7 |
| 0095009 | 26 (7) | 1.0 | orange | 1.4 | 2.7 |
| 0095104 | 26 (7) | 1.0 | red | 1.4 | 2.7 |
| 0095105 | 26 (7) | 1.0 | white | 1.4 | 2.7 |
| 0095106 | 26 (7) | 1.0 | grey | 1.4 | 2.7 |
| 0096000 | 26 (19) | 1.0 | green/yellow | 1.5 | 2.9 |
| 0096001 | 26 (19) | 1.0 | black | 1.5 | 2.9 |
| 0096006 | 26 (19) | 1.0 | green | 1.5 | 2.9 |
| 0106011 | 26 (19) | 1.0 | grey | 1.5 | 2.9 |
| 0096104 | 26 (19) | 1.0 | red | 1.5 | 2.9 |
| 0097001 | 24 (7) | 1.15 | black | 2.2 | 3.8 |
| 0097002 | 24 (7) | 1.15 | blue | 2.2 | 3.8 |
| 0097003 | 24 (7) | 1.15 | brown | 2.2 | 3.8 |
| 0097104 | 24 (7) | 1.15 | red | 2.2 | 3.8 |
| 0097105 | 24 (7) | 1.15 | white | 2.2 | 3.8 |
| 0098000 | 24 (19) | 1.15 | green/yellow | 2.3 | 4 |
| 0098001 | 24 (19) | 1.15 | black | 2.3 | 4 |
| 0098002 | 24 (19) | 1.15 | blue | 2.3 | 4 |
| 0098003 | 24 (19) | 1.15 | brown | 2.3 | 4 |
| 0098006 | 24 (19) | 1.15 | green | 2.3 | 4 |

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|----------------|-------------------------|---------------------|-------------|----------------------|----------------|
| 0098104 | 24 (19) | 1.15 | red | 2.3 | 4 |
| 0098105 | 24 (19) | 1.15 | white | 2.3 | 4 |
| 0098106 | 24 (19) | 1.15 | grey | 2.3 | 4 |
| 0099001 | 22 (7) | 1.3 | black | 3.4 | 5.4 |
| 0099002 | 22 (7) | 1.3 | blue | 3.4 | 5.4 |
| 0099003 | 22 (7) | 1.3 | brown | 3.4 | 5.4 |
| 0099005 | 22 (7) | 1.3 | yellow | 3.4 | 5.4 |
| 0099006 | 22 (7) | 1.3 | green | 3.4 | 5.4 |
| 0099007 | 22 (7) | 1.3 | violet | 3.4 | 5.4 |
| 0099104 | 22 (7) | 1.3 | red | 3.4 | 5.4 |
| 0099105 | 22 (7) | 1.3 | white | 3.4 | 5.4 |
| 0100001 | 22 (19) | 1.3 | black | 3.7 | 5.7 |
| 0100002 | 22 (19) | 1.3 | blue | 3.7 | 5.7 |
| 0100003 | 22 (19) | 1.3 | brown | 3.7 | 5.7 |
| 0100005 | 22 (19) | 1.3 | yellow | 3.7 | 5.7 |
| 0100009 | 22 (19) | 1.3 | orange | 3.7 | 5.7 |
| 0100104 | 22 (19) | 1.3 | red | 3.7 | 5.7 |
| 0100105 | 22 (19) | 1.3 | white | 3.7 | 5.7 |
| 0101001 | 20 (7) | 1.5 | black | 5.4 | 7.7 |
| 0101002 | 20 (7) | 1.5 | blue | 5.4 | 7.7 |
| 0101003 | 20 (7) | 1.5 | brown | 5.4 | 7.7 |
| 0101006 | 20 (7) | 1.5 | green | 5.4 | 7.7 |
| 0101104 | 20 (7) | 1.5 | red | 5.4 | 7.7 |
| 0101105 | 20 (7) | 1.5 | white | 5.4 | 7.7 |
| 0102001 | 20 (19) | 1.5 | black | 5.9 | 8.2 |
| 0102002 | 20 (19) | 1.5 | blue | 5.9 | 8.2 |
| 0102003 | 20 (19) | 1.5 | brown | 5.9 | 8.2 |
| 0102005 | 20 (19) | 1.5 | yellow | 5.9 | 8.2 |
| 0102006 | 20 (19) | 1.5 | green | 5.9 | 8.2 |
| 0102007 | 20 (19) | 1.5 | violet | 5.9 | 8.2 |
| 0102009 | 20 (19) | 1.5 | orange | 5.9 | 8.2 |
| 0102104 | 20 (19) | 1.5 | red | 5.9 | 8.2 |
| 0102105 | 20 (19) | 1.5 | white | 5.9 | 8.2 |
| 0102106 | 20 (19) | 1.5 | grey | 5.9 | 8.2 |
| 0103001 | 18 (7) | 1.75 | black | 8.6 | 12 |

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|----------------|-------------------------|---------------------|--------------|----------------------|----------------|
| 0102000 | 20 (19) | 1.5 | green/yellow | 5.9 | 8.2 |
| 0103104 | 18 (7) | 1.75 | red | 8.6 | 12 |
| 0104000 | 18 (19) | 1.75 | green/yellow | 9.3 | 12 |
| 0104001 | 18 (19) | 1.75 | black | 9.3 | 12 |
| 0104002 | 18 (19) | 1.75 | blue | 9.3 | 12 |
| 0104003 | 18 (19) | 1.75 | brown | 9.3 | 12 |
| 0104005 | 18 (19) | 1.75 | yellow | 9.3 | 12 |
| 0104006 | 18 (19) | 1.75 | green | 9.3 | 12 |
| 0104007 | 18 (19) | 1.75 | violet | 9.3 | 12 |
| 0104009 | 18 (19) | 1.75 | orange | 9.3 | 12 |
| 0104104 | 18 (19) | 1.75 | red | 9.3 | 12 |
| 0104105 | 18 (19) | 1.75 | white | 9.3 | 12 |
| 0105000 | 16 (19) | 2.05 | green/yellow | 11.8 | 16 |
| 0105001 | 16 (19) | 2.05 | black | 11.8 | 16 |
| 0105002 | 16 (19) | 2.05 | blue | 11.8 | 16 |
| 0105003 | 16 (19) | 2.05 | brown | 11.8 | 16 |
| 0105005 | 16 (19) | 2.05 | yellow | 11.8 | 16 |
| 0105006 | 16 (19) | 2.05 | green | 11.8 | 16 |
| 0105007 | 16 (19) | 2.05 | violet | 11.8 | 16 |
| 0105009 | 16 (19) | 2.05 | orange | 11.8 | 16 |
| 0105104 | 16 (19) | 2.05 | red | 11.8 | 16 |
| 0105105 | 16 (19) | 2.05 | white | 11.8 | 16 |
| 0106000 | 14 (19) | 2.45 | green/yellow | 18.7 | 23 |
| 0106001 | 14 (19) | 2.4 | black | 18.7 | 23 |
| 0106002 | 14 (19) | 2.4 | blue | 18.7 | 23 |
| 0106003 | 14 (19) | 2.4 | brown | 18.7 | 23 |
| 0106005 | 14 (19) | 2.4 | yellow | 18.7 | 23 |
| 0106006 | 14 (19) | 2.4 | green | 18.7 | 23 |
| 0106104 | 14 (19) | 2.4 | red | 18.7 | 23 |
| 0106105 | 14 (19) | 2.4 | white | 18.7 | 23 |
| 0106106 | 14 (19) | 2.4 | grey | 18.7 | 23 |
| 0107000 | 12 (19) | 3.1 | green/yellow | 29.6 | 35 |
| 0107001 | 12 (19) | 3.1 | black | 29.6 | 35 |
| 0107002 | 12 (19) | 3.1 | blue | 29.6 | 35 |
| 0107003 | 12 (19) | 3.1 | brown | 29.6 | 35 |

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|----------------|-------------------------|---------------------|--------------|----------------------|----------------|
| 0107005 | 12 (19) | 3.1 | yellow | 29.6 | 35 |
| 0107006 | 12 (19) | 3.1 | green | 29.6 | 35 |
| 0107009 | 12 (19) | 3.1 | orange | 29.6 | 35 |
| 0107105 | 12 (19) | 3.1 | white | 29.6 | 35 |
| 0108000 | 10 (37) | 3.4 | green/yellow | 45.6 | 51 |
| 0108001 | 10 (37) | 3.4 | black | 45.6 | 51 |
| 0108002 | 10 (37) | 3.4 | blue | 45.6 | 51 |
| 0108104 | 10 (37) | 3.4 | red | 45.6 | 51 |
| 0108105 | 10 (37) | 3.4 | white | 45.6 | 51 |

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